

**IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE**

In re application of:	)	Patent Application
WOMER, TIMOTHY et al.	)	
	)	Title: <b>ROLL HAVING MULTIPLE FLUID</b>
	)	<b>FLOW CHANNELS FOR USE IN</b>
Attorney Docket No.: 3522.19	)	<b>PRODUCING AND PROCESSING</b>
	)	<b>SHEET MATERIAL</b>
	)	

**INFORMATION DISCLOSURE STATEMENT**

McLaughlin & McNally  
500 City Centre One  
P.O. Box 507  
Youngstown, Ohio 44501-0507  
July 2, 2003

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the Applicant's duty of good faith and candor toward the Patent Office, the following material is brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. These references were brought to the attention of Applicant and are being submitted herewith to comply with the Duty of Disclosure. Consideration of the listed documents by Examiner is respectfully requested pursuant to the provisions of MPEP 609. Applicant respectfully requests that a copy of PTO-1449, as considered and initialled by the Examiner, be returned to the undersigned with the next Official Communication.

art to this application, and reserves the right, pursuant to 37 C.F.R. Section 1.131 or otherwise, to establish otherwise. Applicant does not represent that all of the listed documents are material to the examination of this application, but has cited same to make it clear beyond all doubt that the Duty of Disclosure has been complied with. Moreover, Applicant does not represent that he has reviewed in detail the enclosed documents. There may be details disclosed in these documents of which Applicant is not aware.

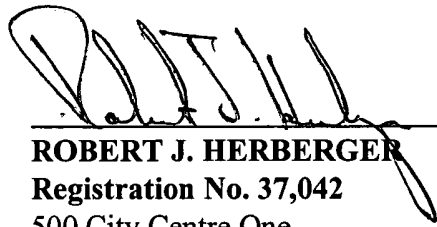
UNITED STATES PATENTS

<u>PATENT NO.</u>	<u>PATENTEE</u>	<u>ISSUE DATE</u>
242,058	Shurmann	05-24-1881
3,328,866	Robertson	07-04-1967
3,548,929	Gross	12-22-1970
3,625,280	Peter	12-07-1971
3,676,910	Gross	07-18-1972
3,840,958	Mahn	10-15-1974
3,852,860	Tewes	12-10-1974
4,158,128	Evdokimov et al.	06-12-1979
4,232,834	Player et al.	11-11-1980
4,233,011	Bolender et al.	11-11-1980
4,305,191	Enomoto.	12-15-1981
4,363,615	Bolender	12-14-1982
4,498,527	Gerarts et al.	02-12-1985
4,683,628	Schonemann	08-04-1987
4,823,450	Ramisch et al.	04-25-1989
5,103,542	Niskanen	04-14-1992
5,392,702	Suzuki	02-28-1995
5,549,154	Niskanen et al.	08-27-1996
5,567,448	Frankland	10-22-1996
6,315,703	Quack et al.	11-13-2001
6,453,713	Womer et al.	09-24-2002
6,468,461	Sumiyoshi et al.	10-22-2002

CONCLUSION

The Examiner is respectfully requested to consider each of the above-discussed references during prosecution of the above-discussed application for patent.

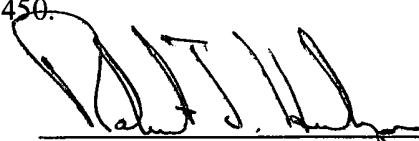
RESPECTFULLY SUBMITTED,  
McLAUGHLIN and McNALLY



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CERTIFICATE OF MAILING

I hereby certify that this Information Disclosure Statement and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this 2<sup>nd</sup> day of July, 2003 in an envelope marked as "Express Mail Post Office to Addressee" having Mailing Label Number EK721026413US and being addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number		
			Filing Date		
			First Named Inventor	Womer, Timothy et al.	
			Art Unit		
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	3522.19

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-242,058	05-24-1881	Schurmann	
		US-3,328,866	07-04-1967	Robertson	
		US-3,548,929	12-22-1970	Gross	
		US-3,625,280	12-07-1971	Peter	
		US-3,676,910	07-18-1972	Gross	
		US-3,840,958	10-15-1974	Mahn	
		US-3,852,860	12-10-1974	Tewes	
		US-4,158,128	06-12-1979	Evdokimov et al.	
		US-4,232,834	11-11-1980	Player et al.	
		US-4,233,011	11-11-1980	Bolender et al.	
		US-4,305,191	12-15-1981	Enomoto	
		US-4,363,615	12-14-1982	Bolender	
		US-4,498,527	02-12-1985	Gerarts et al.	
		US-4,683,628	08-04-1987	Schonemann	
		US-4,823,450	04-25-1989	Ramisch et al.	
		US-5,103,542	04-14-1992	Niskanen	
		US-5,392,702	02-28-1995	Suzuki	
		US-5,549,154	08-27-1996	Niskanen et al.	
		US-5,567,448	10-22-1996	Frankland	
		US-6,315,703	11-13-2001	Quack et al.	
		US-6,453,713	09-24-2002	Womer et al.	
		US-6,468,461	10-22-2002	Sumiyoshi et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	-Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.  
<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.  
Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.